| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Complete if Known | |
|--|---|----|---|------------------------|--------------------|
| | | | | Application Number | 10/724,586 |
| (use as many sheets as necessary) | | | | Filing Date | November 28, 2003 |
| | | | | First Named Inventor | Christopher Bishop |
| | | | | Art Unit | 2128 |
| | | | | Examiner Name | Silver, David |
| Sheet | 1 | of | 1 | Attorney Docket Number | 305414.01 |

| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ³ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the ltem (book, rangazine, journal, serial, symposium, causleg, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published. | T ² |
| | 1 | S. RICHARDSON and P. J. GREEN. "On bayesian analysis of mixtures with unknown number of components". Journal of the Royal Statistical Society, Series B, 59:731–792, 1997. | |
| | 2 | H. ATTIAS. "Inferring Parameters and structure of latent variables by variational Bayes". In K. B. Laskey and H. Prade, editors, Proceedings of the Fifthteenth Conference on Uncertainty in Artificial Intelligence, 1999. | |
| | 3 | C. M. BISHOP and J.WINN. "Non-linear Bayesian image modeling". In Proceedings of the Sixth European Conference on Computer Vision, Dublin, volume 1, pages 3–17. Springer, 2000. | |
| | 4 | G. J. MCLACHLAN and D. PEEL. "Robust cluster analysis via mixtures of multivariate-distributions". Lecture Notes in Computer Science, 1451:658–666, 1998. | |
| | 5 | C. LIU and D. B. RUBIN. "ML estimation of the t distribution using EM and its extensions", ECM and ECME. Statistica Sinica, 5:19–39, 1995. | |
| | 6 | M. I. JORDAN, Z. GHAHRAMANI, T. S. JAAKKOLA, and L. K. SAUL. "An introduction to variational methods for graphical models". In M. I. Jordan, editor, Learning in Graphical Models, pages 105–162. Kluwer, 1998. | |
| | 7 | D. M. BLEI, M. I. JORDAN, and A. Y. NG. "Hierarchical Bayesian models for applications in information retrieval". In G. Tesauro, D. S. Touretzky, and T. K. Leen, editors, Bayesian Statistics, volume 7, pages 25–43. Oxford University Press, 2003. | |
| | | | |

| Examiner | Date |
|-----------|------------|
| Signature | Considered |

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 $^{^{1}}$ Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached.